Reviewer’s report

Title: Matrix Association Region/Scaffold Attachment Region: The Crucial Player in Defining the Positions of Chromosome Breaks Mediated by Bile Acid-Induced Apoptosis in Nasopharyngeal Epithelial Cells

Version: 0 Date: 03 Sep 2018

Reviewer: Widodo Widodo

Reviewer’s report:

General comment:

Title: Matrix Association Region/Scaffold Attachment Region: The Crucial Player in Defining the Positions of Chromosome Breaks Mediated by Bile Acid-Induced Apoptosis in Nasopharyngeal Epithelial Cells The title is clear and represented the content

Abstract

Background is not clear the idea and many gap information. For example, what correlation between BA and chromosomal cleavage, the two information should be arranged in the logic manner. This finding more related to prove correlation between BA with the chromosomal break rather than BA-induced apoptosis, since no apoptosis data in this experiment. Therefore, the abstract should be focus on the experiment data.

introduction.

Two scenarios were presented the most possible NPC, one is activation CAD mediated chromosomal cleavage, and second is inflammation process induce by BA. After comparation, author assume link between the both theory by inducing ROS. However, the detail mechanism BA induce ROS was missed in the manuscript. Also, experimental data neglected ROS existence in the cell.

Result

Visualization of data need to be re organized in to more compact, if the data shown in the figure, then should avoid the similar data in the table. Data visualization, not easy to be understood, especially data from bioinformatic.

Discussion
Discussion bereaved focus to the aim of study, remove the general information will be better to improve manuscript more clear information for reader.

Conclusion

Author concluded that BA-induce apoptosis caused chromosol breakages in NP shared similar with leukemia, that lead opinion causative agent of leukemia. I suggest rephrasing sentences more neutral based experimental data rather than based on assumption.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

No

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

Not relevant to this manuscript

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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